



Jefferson Lab Alignment Group

Data Transmittal

TO: Tim Whitlatch and Brian Carpenter

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FROM: Richard Schwartz

Checked:

: Z927

DETAILS:

The following are the results of the SNS high beta space frame 12 inspection performed the week of April 26, 2003. A right hand coordinate system was established with the central axis running through the average outer diameters of the six support rings. Ring one is upstream and ring eight is downstream. An average plane through the top two tubes controls roll. Positive X is to the beam left and positive Y is up. Positive Z runs downstream with Z = 0 as the average of the four upstream tubes. Values are in inches. Attached is the check sheet with measured values to the corresponding features.

Ring	X	Y
1	-0.03	0.13
2	0.02	-0.04
3	0.00	-0.02
4	0.01	-0.08
5	0.05	-0.08
6	-0.04	-0.02
7	-0.02	0.00
8	0.02	0.09